

# Ã,ngela Novais

## List of Publications by Year in descending order

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58  
papers

3,485  
citations

186265

28  
h-index

144013

57  
g-index

61  
all docs

61  
docs citations

61  
times ranked

3692  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dissemination of Clonally Related <i>Escherichia coli</i> Strains Expressing Extended-Spectrum $\beta$ -Lactamase CTX-M-15. <i>Emerging Infectious Diseases</i> , 2008, 14, 195-200.	4.3	672
2	Prevalence and spread of extended-spectrum $\beta$ -lactamase-producing Enterobacteriaceae in Europe. <i>Clinical Microbiology and Infection</i> , 2008, 14, 144-153.	6.0	495
3	Blue-Carba, an Easy Biochemical Test for Detection of Diverse Carbapenemase Producers Directly from Bacterial Cultures. <i>Journal of Clinical Microbiology</i> , 2013, 51, 4281-4283.	3.9	172
4	Extended-spectrum $\beta$ -lactamase-producing <i>Escherichia coli</i> in Spain belong to a large variety of multilocus sequence typing types, including ST10 complex/A, ST23 complex/A and ST131/B2. <i>International Journal of Antimicrobial Agents</i> , 2009, 34, 173-176.	2.5	164
5	Antibiotic Coresistance in Extended-Spectrum $\beta$ -Lactamase-Producing Enterobacteriaceae and In Vitro Activity of Tigecycline. <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 2695-2699.	3.2	145
6	Expansion of ESBL-producing <i>Klebsiella pneumoniae</i> in hospitalized patients: A successful story of international clones (ST15, ST147, ST336) and epidemic plasmids (IncR, IncFIIK). <i>International Journal of Medical Microbiology</i> , 2014, 304, 1100-1108.	3.6	120
7	Spread of <i>bla</i> <sub>CTX-M-14</sub> Is Driven Mainly by IncK Plasmids Disseminated among <i>Escherichia coli</i> Phylogroups A, B1, and D in Spain. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 5204-5212.	3.2	112
8	Emergence and Dissemination of Enterobacteriaceae Isolates Producing CTX-M-1-Like Enzymes in Spain Are Associated with IncFII (CTX-M-15) and Broad-Host-Range (CTX-M-1, -3, and -32) Plasmids. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 796-799.	3.2	110
9	Dissemination and Persistence of <i>bla</i> <sub>CTX-M-9</sub> Are Linked to Class 1 Integrons Containing CR1 Associated with Defective Transposon Derivatives from Tn 402 Located in Early Antibiotic Resistance Plasmids of IncHI2, IncP1- $\beta$ , and IncFI Groups. <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 2741-2750.	3.2	108
10	Evolutionary Trajectories of Beta-Lactamase CTX-M-1 Cluster Enzymes: Predicting Antibiotic Resistance. <i>PLoS Pathogens</i> , 2010, 6, e1000735.	4.7	100
11	Fourier transform infrared spectroscopy: unlocking fundamentals and prospects for bacterial strain typing. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2019, 38, 427-448.	2.9	92
12	Role of Common <i>bla</i> <sub>OXA-24/OXA-40</sub> -Carrying Platforms and Plasmids in the Spread of OXA-24/OXA-40 among <i>Acinetobacter</i> Species Clinical Isolates. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 3969-3972.	3.2	59
13	Phylogeny and Comparative Genomics Unveil Independent Diversification Trajectories of <i>qnrB</i> and Genetic Platforms within Particular <i>Citrobacter</i> Species. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 5951-5958.	3.2	55
14	Spread of an OmpK36-modified ST15 <i>Klebsiella pneumoniae</i> variant during an outbreak involving multiple carbapenem-resistant Enterobacteriaceae species and clones. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2012, 31, 3057-3063.	2.9	54
15	KPC-3-Producing <i>Klebsiella pneumoniae</i> in Portugal Linked to Previously Circulating Non-CG258 Lineages and Uncommon Genetic Platforms (Tn4401d-IncFIA and Tn4401d-IncN). <i>Frontiers in Microbiology</i> , 2016, 7, 1000.	3.5	54
16	High diversity of extended-spectrum $\beta$ -lactamases among clinical isolates of Enterobacteriaceae from Portugal. <i>Journal of Antimicrobial Chemotherapy</i> , 2007, 60, 1370-1374.	3.0	53
17	Characterization of Globally Spread <i>Escherichia coli</i> ST131 Isolates (1991 to 2010). <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 3973-3976.	3.2	49
18	MALDI-TOF mass spectrometry as a tool for the discrimination of high-risk <i>Escherichia coli</i> clones from phylogenetic groups B2 (ST131) and D (ST69, ST405, ST393). <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2014, 33, 1391-1399.	2.9	48

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19	<i>mcr-1</i> in Carbapenemase-Producing <i>Klebsiella pneumoniae</i> with Hospitalized Patients, Portugal, 2016–2017. <i>Emerging Infectious Diseases</i> , 2018, 24, 762-766.	4.3	48
20	Preservation of Integron Types among <i>Enterobacteriaceae</i> Producing Extended-Spectrum $\beta$ -Lactamases in a Spanish Hospital over a 15-Year Period (1988 to 2003). <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 2201-2204.	3.2	42
21	International Spread and Persistence of TEM-24 Is Caused by the Confluence of Highly Penetrating <i>Enterobacteriaceae</i> Clones and an IncA/C <sub>2</sub> Plasmid Containing Tn <i>1696</i> $\Delta$ Tn <i>1</i> and IS <i>5075</i> -Tn <i>21</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 825-834.	3.2	41
22	Mutational Events in Cefotaxime Extended-Spectrum $\beta$ -Lactamases of the CTX-M-1 Cluster Involved in Ceftazidime Resistance. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 2377-2382.	3.2	40
23	<i>Citrobacter portucalensis</i> sp. nov., isolated from an aquatic sample. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 3513-3517.	1.7	40
24	In Vitro Selection of Variants Resistant to $\beta$ -Lactams plus $\beta$ -Lactamase Inhibitors in CTX-M $\beta$ -Lactamases: Predicting the In Vivo Scenario?. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 4530-4536.	3.2	39
25	Diverse high-risk B2 and D <i>Escherichia coli</i> clones depicted by Fourier Transform Infrared Spectroscopy. <i>Scientific Reports</i> , 2013, 3, 3278.	3.3	39
26	Diversity and biofilm-production ability among isolates of <i>Escherichia coli</i> phylogroup D belonging to ST69, ST393 and ST405 clonal groups. <i>BMC Microbiology</i> , 2013, 13, 144.	3.3	35
27	An update on faecal carriage of ESBL-producing <i>Enterobacteriaceae</i> by Portuguese healthy humans: detection of the H30 subclone of B2-ST131 <i>Escherichia coli</i> producing CTX-M-27. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 1120-1122.	3.0	35
28	A Front Line on <i>Klebsiella pneumoniae</i> Capsular Polysaccharide Knowledge: Fourier Transform Infrared Spectroscopy as an Accurate and Fast Typing Tool. <i>MSystems</i> , 2020, 5, .	3.8	32
29	Inc11/ST3 and IncN/ST1 plasmids drive the spread of bla <sub>TEM</sub> -52 and bla <sub>CTX-M</sub> -1/-32 in diverse <i>Escherichia coli</i> clones from different piggeries. <i>Journal of Antimicrobial Chemotherapy</i> , 2013, 68, 2245-8.	3.0	30
30	Atypical epidemiology of CTX-M-15 among <i>Enterobacteriaceae</i> from a high diversity of non-clinical niches in Angola. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 1169-1173.	3.0	28
31	Contribution of IncFII and Broad-Host IncA/C and IncN Plasmids to the Local Expansion and Diversification of Phylogroup B2 <i>Escherichia coli</i> ST131 Clones Carrying bla <sub>CTX-M</sub> -15 and qnrS1 Genes. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 2763-2766.	3.2	27
32	Snapshot on carbapenemase-producing <i>Pseudomonas aeruginosa</i> and <i>Acinetobacter baumannii</i> in Bucharest hospitals reveals unusual clones and novel genetic surroundings for bla <sub>OXA</sub> -23. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 1016-1020.	3.0	27
33	Importation of Fosfomycin Resistance <i>fosA3</i> Gene to Europe. <i>Emerging Infectious Diseases</i> , 2016, 22, 346-348.	4.3	25
34	Evaluation of the Recently Launched Rapid Carb Blue Kit for Detection of Carbapenemase-Producing Gram-Negative Bacteria. <i>Journal of Clinical Microbiology</i> , 2015, 53, 3105-3107.	3.9	22
35	Virulence genes, capsular and plasmid types of multidrug-resistant CTX-M(-2, -8, -15) and KPC-2-producing <i>Klebsiella pneumoniae</i> isolates from four major hospitals in Brazil. <i>Diagnostic Microbiology and Infectious Disease</i> , 2018, 91, 164-168.	1.8	22
36	Increase of widespread A, B1 and D <i>Escherichia coli</i> clones producing a high diversity of CTX-M-types in a Portuguese hospital. <i>Future Microbiology</i> , 2015, 10, 1125-1131.	2.0	18

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37	Elucidating constraints for differentiation of major human <i>Klebsiella pneumoniae</i> clones using MALDI-TOF MS. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2017, 36, 379-386.	2.9	18
38	Long-term dissemination of acquired AmpC $\beta$ -lactamases among <i>Klebsiella</i> spp. and <i>Escherichia coli</i> in Portuguese clinical settings. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2014, 33, 551-558.	2.9	17
39	Multiplicity of Carbapenemase-Producers Three Years after a KPC-3-Producing <i>K. pneumoniae</i> ST147-K64 Hospital Outbreak. <i>Antibiotics</i> , 2020, 9, 806.	3.7	16
40	<i>Escherichia coli</i> resistant to fosfomycin from urinary tract infections: Detection of the <i>fosA3</i> gene in Spain. <i>Journal of Global Antimicrobial Resistance</i> , 2020, 21, 414-416.	2.2	16
41	NDM-1 Introduction in Portugal through a ST11 KL105 <i>Klebsiella pneumoniae</i> Widespread in Europe. <i>Antibiotics</i> , 2022, 11, 92.	3.7	16
42	Fourier transform infrared (FT-IR) spectroscopy typing: a real-time analysis of an outbreak by carbapenem-resistant <i>Klebsiella pneumoniae</i> . <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2020, 39, 2471-2475.	2.9	15
43	From farm to fork: Colistin voluntary withdrawal in Portuguese farms reflected in decreasing occurrence of <i>Enterobacteriaceae</i> carrying <i>Enterobacteriaceae</i> from chicken meat. <i>Environmental Microbiology</i> , 2021, 23, 7563-7577.	3.8	15
44	Allogeneous Selection of Mutational Collateral Resistance: Old Drugs Select for New Resistance Within Antibiotic Families. <i>Frontiers in Microbiology</i> , 2021, 12, 757833.	3.5	15
45	Efficient transmission of IncFIIY and IncL plasmids and <i>Klebsiella pneumoniae</i> ST101 clone producing OXA-48, NDM-1 or OXA-181 in Bucharest hospitals. <i>International Journal of Antimicrobial Agents</i> , 2016, 48, 223-224.	2.5	14
46	Commonality of Multidrug-Resistant <i>Klebsiella pneumoniae</i> ST348 Isolates in Horses and Humans in Portugal. <i>Frontiers in Microbiology</i> , 2019, 10, 1657.	3.5	14
47	Different <i>Escherichia coli</i> B2-ST131 clades (B and C) producing extended-spectrum $\beta$ -lactamases (ESBL) colonizing residents of Portuguese nursing homes. <i>Epidemiology and Infection</i> , 2017, 145, 3303-3306.	2.1	11
48	Detection of VIM-34, a novel VIM-1 variant identified in the intercontinental ST15 <i>Klebsiella pneumoniae</i> clone. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 274-275.	3.0	10
49	Antibiotic-Resistant <i>Klebsiella pneumoniae</i> and <i>Escherichia coli</i> High-Risk Clones and an IncFII <i>k</i> Mosaic Plasmid Hosting Tn 1 ( <i>bla</i> TEM-4 ) in Isolates from 1990 to 2004. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 2904-2908.	3.2	9
50	New fluorescent rosamine chelator showing promising antibacterial activity against Gram-positive bacteria. <i>Bioorganic Chemistry</i> , 2018, 79, 341-349.	4.1	8
51	Acquired AmpC $\beta$ -Lactamases among <i>Enterobacteriaceae</i> from Healthy Humans and Animals, Food, Aquatic and Trout Aquaculture Environments in Portugal. <i>Pathogens</i> , 2020, 9, 273.	2.8	8
52	Long-Term Care Facility (LTCF) Residents Colonized With Multidrug-Resistant (MDR) <i>Klebsiella pneumoniae</i> Lineages Frequently Causing Infections in Portuguese Clinical Institutions. <i>Infection Control and Hospital Epidemiology</i> , 2017, 38, 1127-1130.	1.8	7
53	<i>Salmonella enterica</i> serotype Bovismorbificans, a new host for CTX-M-9. <i>International Journal of Antimicrobial Agents</i> , 2013, 41, 91-93.	2.5	5
54	Phylogenomic analysis of a highly virulent <i>Escherichia coli</i> ST83 lineage with potential animal-human transmission. <i>Microbial Pathogenesis</i> , 2021, 155, 104920.	2.9	4

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55	High occurrence of colistin- and multidrug-resistant strains carrying mcr-1 or an underestimated mcr-1.26 allelic variant along a large Brazilian river. <i>Journal of Global Antimicrobial Resistance</i> , 2022, 30, 127-129.	2.2	4
56	MicroMundo@UPorto: an experimental microbiology project fostering student's antimicrobial resistance awareness and personal and social development. <i>FEMS Microbiology Letters</i> , 2021, 368, .	1.8	3
57	Fourier Transform Infrared Spectroscopy (FT-IR) for Food and Water Microbiology. , 2021, , 191-217.		2
58	The Darkest Place Is under the Candlestick-Healthy Urogenital Tract as a Source of Worldwide Disseminated Extraintestinal Pathogenic <i>Escherichia coli</i> Lineages. <i>Microorganisms</i> , 2022, 10, 27.	3.6	0